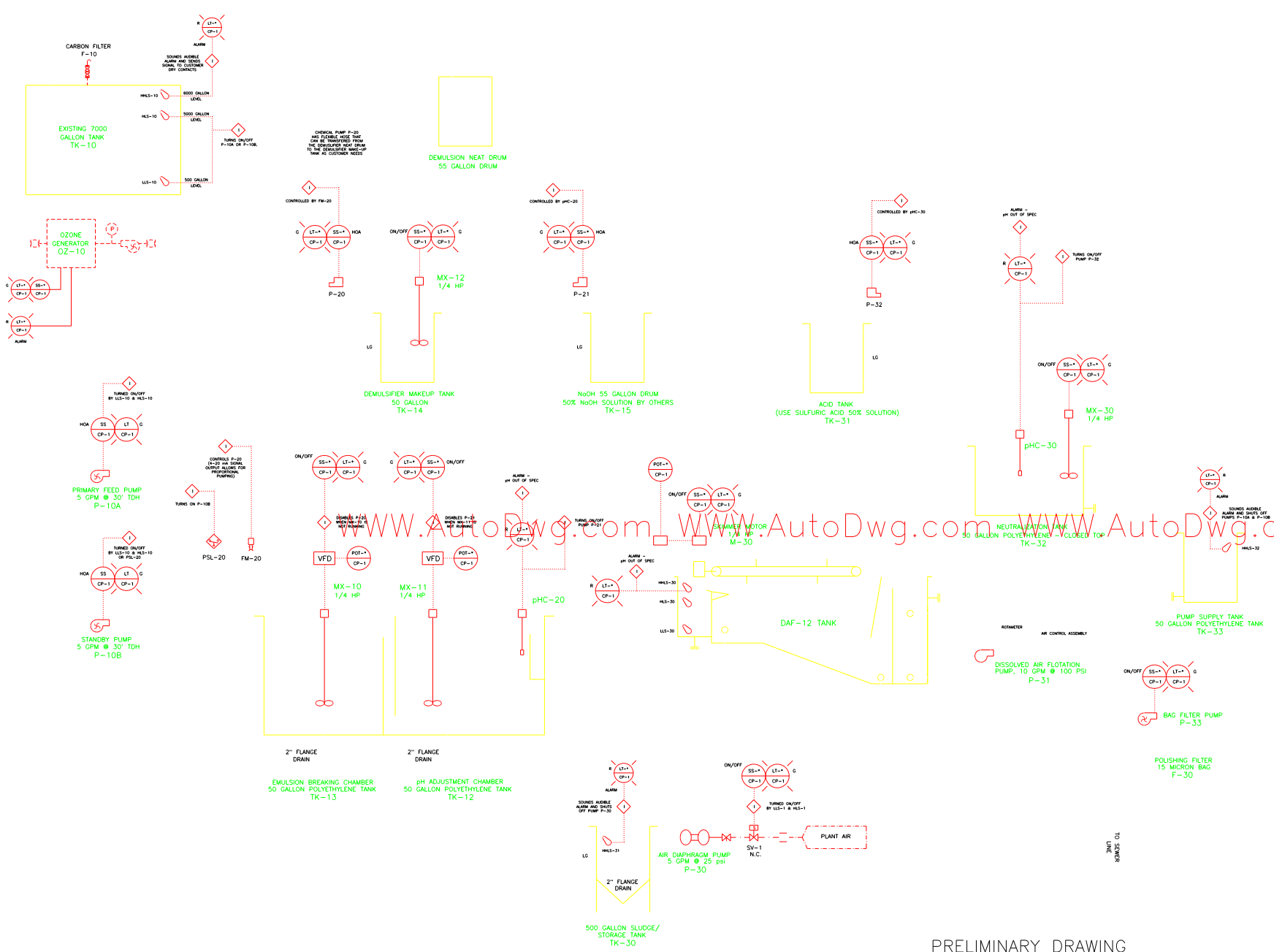


WASTEWATER
FROM TRENCHES



SYMBOL	DESCRIPTION
	AIR DIAPHRAGM CONTROL VALVE
	AIR FILTER/REGULATOR/GAUGE
	VACUUM/PRESSURE RELIEF VALVE
	BACK PRESSURE VALVE
	BALL VALVE
	BALL VALVE (NORMALLY CLOSED)
	CHEMICAL PUMP BLEED VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	FLEXIBLE HOSE QUICK DISCONNECT
	UNION
	REDUCER
	2-WAY SOLENOID VALVE
	3-WAY SOLENOID VALVE
	CHECK VALVE WITH STRAINER
	PRESSURE GAUGE
	BALL VALVE, 3-WAY, ELECTRIC
	BALL VALVE, 2-WAY, ELECTRIC
	BALL VALVE, 3-WAY, PNEUMATIC
	BALL VALVE, 2-WAY, PNEUMATIC
	AIR OPERATED, SPRING LOADED 3-WAY VALVE
	AIR OPERATED, SPRING LOADED 2-WAY VALVE
	NEEDLE VALVE
	MERCURY FLOAT SWITCH
	REED FLOAT SWITCH
	PROGRESSIVE CAVITY PUMP
	CENTRIFUGAL PUMP
	AIR DIAPHRAGM PUMP
	CHEMICAL METERING PUMP
	MOTOR
	FLOW METER
	LOW PRESSURE SWITCH
	LEVEL GAUGE GLASS
	ALARM HORN
	INTERLOCK
	PIPING/EQUIPMENT BY P.A.E.
	PIPING/EQUIPMENT BY OTHERS
	FIELD-INSTALLED PIPING/FITTINGS BY P.A.E.
	AIR PIPING BY G.I.E.
	AIR PIPING BY OTHERS
	ELECTRICAL CONTROLS BY P.A.E.
	LT: LIGHT NUMBER
	CR: CONTACT RELAY
	HOA: HAND-OFF-AUTO
	LT: LIGHT
	MX: MIXER
	N.O.: NORMALLY OPEN
	N.C.: NORMALLY CLOSED
	P: PUMP
	POT: POTENTIOMETER
	SS: SELECTOR SWITCH
	SV: SOLENOID VALVE
	VSD: VARIABLE SPEED DRIVE
	CONTROL PANEL LIGHT & SWITCH DESCRIPTION

PRELIMINARY DRAWING

PLANS PREPARED BY:		CLIENT NAME:	
Pan America Environmental		MCCORD AIR FORCE BASE	
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		PROCESS & INSTRUMENTATION (PRELIMINARY)	
DESIGNED BY: J.S.		DATE: 5-11-99	SCALE: N.T.S.
CHECKED BY:		DATE:	
REVISION		REVISION DESCRIPTION	REVISION DATE

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